

19970713.ba ba-por01.556 ba-por01.557  
>1556  
>From owner-boatanchors@theporch.com Sat Jul 12 00:03 CDT 1997  
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id AAA11817  
> for <SHIMSHON@URO.THEPORCH.COM>; Sat, 12 Jul 1997 00:03:18 -0500 (CDT)  
>Received: from sco.theporch.com (localhost [127.0.0.1])  
> by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2) with SMTP id FAA02271;  
> Sat, 12 Jul 1997 05:02:51 GMT  
>Message-Id: <199707120502.FAA02271@sco.theporch.com>  
>Date: Sat, 12 Jul 1997 00:02:51 CDT  
>Sender: owner-boatanchors@theporch.com  
>From: boatanchors@theporch.com  
>To: Old Tube Radios <boatanchors@theporch.com>  
>Subject: BOATANCHORS digest 1556  
>Mime-Version: 1.0  
>Content-Type: multipart/mixed; boundary="--  
\_\_ListProc\_\_NextPart\_\_868683564434341782"  
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
>Status: 0

#### BOATANCHORS Digest 1556

Topics covered in this issue include:

- 1) Want to Buy  
by "Andy Howard, WA4KCY" <sweetbay@compuserve.com>
- 2) Re: B & W 6100  
by john <johnmb@mindspring.com>
- 3) Antenna distribution?  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 4) RE: Antenna distribution?  
by Ed Sieb <esieb@gmsiworld.com>
- 5) R390A nameplates  
by David Medley <davemed@worldnet.att.net>
- 6) Re: Antenna distribution?  
by Ken Gordon <keng@uidaho.edu>
- 7) Re: Antenna distribution?  
by Jim Lockwood <jmlckwd@mindspring.com>
- 8) Re: ARC-5 IF fun and games  
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
- 9) FS/T: BC-221-T  
by Doug Hall <dhall@jps.com>
- 10) Re: Antenna distribution?  
by Ken Gordon <keng@uidaho.edu>
- 11) Copy of: ARC-5 IF fun and games  
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
- 12) Product detectors, BC-348s, etc.

- by Ken Gordon <keng@uidaho.edu>
- 13) FS - Coyne Electrical Course  
by "Richard L. Duell" <rduell@iac.net>
- 14) FS: original manuals...  
by Robert Fowle <hammarlund@jacksonmi.com>
- 15) BA/GB "net"  
by Sandy W5TVW <ebjr@worldnet.att.net>
- 16) Re: BA's in the Movies... "Contact"  
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 17) More BA's in the movies...  
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 18) Re: Antenna distribution?  
by Don Reaves <dr@cei.net>
- 19) Re: BA/GB "net"  
by "Kenneth G. Gordon" <keng@uidaho.edu>
- 20) ::::: QST MAGAZINES FS :::::  
by jworth@scn.org (SCN User)
- 21) New Orleans Surplus/BA Haunts  
by George Humphrey <gah@koyote.com>
- 22) HR mag, etc.  
by Ken Gordon <keng@uidaho.edu>

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Date: Fri, 11 Jul 1997 16:14:55 -0400  
From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>  
To: "LIST, MULTIPLE RECIPIENT" <BOATANCHORS@theporch.com>  
Cc: SWAPLIST - GENE RIPPEN <baswaplist@foothill.net>  
Subject: Want to Buy  
Message-ID: <199707111615\_MC2-1AAD-CAF4@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

Hello to all,

I am wanting to buy or trade for a console 30's radio. Should be working and in good condition. Have many things to trade or will buy outright. Needless to say, it needs to be in the southeast.

Thanks and 73,

~~~~~

Andrew E. (Andy) Howard, Sr., WA4KCY  
105 Sweet Bay Lane  
Carrollton, Georgia 30116-8519  
Telephone 770-832-0202

AMI #9 - Southeastern Division Director  
Vintage Radio Home Page Address:  
<http://ourworld.compuserve.com/homepages/sweetbay>  
<><

~~~~~  
Keeper of the Hallicrafters SX-88 Owners List  
~~~~~

Vintage Radios, Electric Trains, Machine Guns, etc.  
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Date: Fri, 11 Jul 1997 16:49:49 -0400  
From: john <johnmb@mindspring.com>  
To: Soundimp <soundimp@pobox.com>, boatanchors@theporch.com  
Subject: Re: B & W 6100  
Message-ID: <199707112053.QAA12450@brickbat8.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have one...they're rare...only 200 built, so I've heard... there's not too many around, that's for sure! It's a crystal synthesized (if you can decipher that!) SSB transmitter.

Best 73  
/John

At 03:21 PM 7/11/97 -0500, you wrote:  
>Can someone give me any info on this xmtr???  
>As i understand it is fairly rare??? What are they worth??  
>Dealer non dealer??? I know the 5100 but not the 6100!!!  
>  
>Thanks all Bob K1JNN/5  
>  
>  
>

-----  
Date: 11 Jul 1997 16:10:09 -0500  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
To: boatanchors@sco.theporch.com  
Subject: Antenna distribution?  
Message-ID: <1997Jul11.161010-0500@spike.vuse.vanderbilt.edu>  
MIME-Version: 1.0

Need some knowledge here, guys 'n gals. I am currently struggling to finish up the Kunsthalle, a two-room addition to my house that will house BAs and other sundries. Aren't you jealous? Not if you had to go through what I've been coping with. Construction guys are bad enough, but codes people are strictly satanic. (I just found that one has to get a permit for "low-voltage wiring", including speaker wires, coax and other antennas.) Imagine trying to explain a loop in the wall to an inspector.... But I digress.

I have a very nice 75 ft long wire antenna that I will hang from the second floor for SWL. I have a fair number (> 12) of BAs hungry for that signal. I intend to parallel the ground to all of the units, but I don't think it would be wise to do the same with the antenna. My current plan is just to have a patch board and use a banana plug to send the antenna to the rx I wish to use. Since I have seen a number of pictures of very fine shacks with multiple BAs on the web, I guess that some of you have thought about this problem and come up with a solution. Care to share it?

A. B. Bonds

-----  
Date: Fri, 11 Jul 1997 17:26:44 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: "'BoatAnchors'" <boatanchors@sco.theporch.com>  
Subject: RE: Antenna distribution?  
Message-ID: <01BC8E1F.9C4306E0@dstephen.gmsiworld.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Fair Radio, In Lima Ohio, always has various types of HF Antenna = distribution amplifiers for sale at reasonable prices. These are = typically dis-used, mil-spec types and very often tube-type. These seem = to be the perfect solution and the perfect compliment to your station. = Check the latest Fair radio catalog for more info.

The other alternate solution is to use a broadcast type video jack = panel. These use high-quality, 75 ohm coaxial fittings but would be very = suitable for HF/RF use just the same. Again, Fair Radio might have these = for sale. These are \_VERY\_ expensive new.

73, de Ed VA3ES/VE2BAQ (that's Boat Anchor Quality)

~~~~~

Ed Sieb, VA3ES - VE2SS - VE2BAQ  
P. O. Box 8377, Ottawa Terminal  
Ottawa, Ontario, K1G 3H8 CANADA  
613-738-8924 (H) 613-599-5161 (W)=09  
esieb@gmsiworld.com  
AMI # 529 - Canadian Division Director  
QCWA # 28666 Life Member - AWA Member  
Net Manager - Canadian Boat Anchor Net (3745 Kcs)

-----  
  
Date: Fri, 11 Jul 1997 14:48:01 -0700  
From: David Medley <davemed@worldnet.att.net>  
To: boatanchors@theporch.com  
Subject: R390A nameplates  
Message-ID: <3.0.1.32.19970711144801.00774818@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was most fortunate recently in finding a SMALL supply of the metal nameplates that are almost always missing from the front panels of these radios. I did advertise these items on another list in deference to Jack's wish to keep buying and selling to a minimum but this is a unique opportunity to get these rare items into the right hands. I am not interested in hearing from dealers or resellers but only those who are restoring an R390A for their own use.

What I have left is as follows:

- 4 Motorola Wide labels (3 inches)
- 2 Imperial Electric (rare??)
- 1 Amelco
- 1 Collins

There may be a few more coming such as EAC and Stewart Warner so if you don't see what you need send me an e-mail anyway and let me know what you want. I may be able to help.

Please reply by e-mail only. I do not respond to replies to the list.

Regards

David Medley  
1020 West Oleta Drive  
Tucson AZ 85704

-----  
  
Date: Fri, 11 Jul 1997 15:09:15 -0700 (PDT)

From: Ken Gordon <keng@uidaho.edu>  
To: "A. B. Bonds" <ab@VUSE.VANDERBILT.EDU>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Antenna distribution?  
Message-ID: <Pine.BSF.3.95.970711145703.8199B-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

>

> I have a very nice 75 ft long wire antenna that I will hang from the  
> second floor for SWL. I have a fair number (> 12) of BAs hungry for  
> that signal. I intend to parallel the ground to all of the units, but I  
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> current plan is just to have a patch board and use a banana plug to  
> send the antenna to the rx I wish to use. Since I have seen a number  
> of pictures of very fine shacks with multiple BAs on the web, I guess  
> that some of you have thought about this problem and come up with a  
> solution. Care to share it?

Collins and others made an antenna distribution device for the military  
which connected a large number of receivers to one antenna. Each  
connection had an amp between it and the antenna. They were called  
"Receiver Multi-couplers" Delta Electronics made one which had a place for  
2 antennas and connected up to 4 receivers to each antenna. The  
CU-1388/FLR-9 connected up to eight receivers to one antenna. I do not  
remember what the Collins unit was called or numbered.

Perhaps someone here has one or know where to get one.

Ken W7EKB

-----

Date: Fri, 11 Jul 1997 18:09:28 -0400  
From: Jim Lockwood <jmlckwd@mindspring.com>  
To: ab@vuse.vanderbilt.edu, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Antenna distribution?  
Message-ID: <3.0.1.32.19970711180928.006e81ec@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:10 PM 7/11/97 -0500, A. B. Bonds wrote:

> I have a fair number (> 12) of BAs hungry for  
> that signal. Since I have seen a number  
> of pictures of very fine shacks with multiple BAs on the web, I guess

>that some of you have thought about this problem and come up with a  
>solution.

This problem comes up from time to time. I've solved it to my  
satisfaction using a cheap, but probably unorthodox solution.

I bought a Radio Sharck A/V distribution amplifier, speced to be broad band  
up to 10 Mc. I swept the thing and found that not only does the video  
channel have unity gain out to at least 30 Mc, but both of the audio  
channels do also! Hmmm.....

Here is how I decided to use it:

My antenna hooks to the Video section input.

One video output feeds the left Audio section input; another video output  
(there are three on the model I bought), feeds the right Audio section.

The outputs from the audio sections (three each) go to my receivers, of  
which there are several. With this simple \$30 gadget, I can drive 7  
receivers with no interaction among them that I've been able to detect.

I'm aware of at least one other BAer who has tried this goofy sounding  
antenna distribution scheme and he reported back to me that he got  
excellent results also. The other 900 list members probably just shook  
their heads and figured (maybe correctly) that km6nk has finally gone over  
the edge. They may be right, but this does solve the antenna problem nicely.

73,

Jim - km6nk/4

-----  
Date: 11 Jul 97 19:30:47 EDT  
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>  
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>  
Subject: Re: ARC-5 IF fun and games  
Message-ID: <970711233046\_103360.2133\_JHL37-1@CompuServe.COM>

...As the scene opens, we see K9TA putting on an aluminized fire suit for the  
coming storm from the purists...

Greetings, Troops.

Have been watching with interest the thread about adding crystal filters to

ARC-5 Command receivers.

Well, if there's guys out there with nerve enuff to admit to this kinda modification to rigs, I thought I might just as well confess my sins and outline one of the projects going on here... <GULP>

Consider the BC-348.

Not a bad receiver. One of my favorite old soldiers, in fact.

Main complaint (besides the usual low overall gain gripe) is IF selectivity for CW use. Even with the crystal filter, I've always felt it could stand to be tightened up a mite.

For more conventional postwar receiver designs, the troops found out real quick that a 190 - 550 KC Command receiver could be connected to the 455 KC IF strip, and used as a so-called "Q- Fiver", converting the single conversion rig to double conversion, with a narrow 2nd IF strip. One of the common complaints to this approach was that the new 2nd IF was SO narrow that it neatly sliced into the sidebands of AM signals, especially after you played with the coil slug rods in the Q-5er.

Sounds like just what I wanted... except for one problem. The stunt works with a 455 KHz IF, and the BC-348 has an IF at 915 KHz.

There IS a solution.

The IF strip of the Q-5er (where all that nice, tight selectivity lives) is 85 KHz.

If you dump the BC-348's 915 KHz IF signal into a mixer, along with a 1000 KHz crystal oscillator signal (dirt cheap microprocessor time base rock), the resulting output is 85 KHz.

Most of the BC-348s around now have already suffered the indignity of having an AC supply installed in the internal dynamotor well. I never thought much of that plan (too much heat dumped inside the rig case), and I don't mind having an external AC supply taking up shack space. So, a scrap of sheet aluminum has been cut, filed, and drilled to fit in the dynamotor well, screwed into the dynamotor mounting bosses. It is big enuff to hold the mixer, oscillator, 2 stages of 85 KC IF with cans (scrapped from a basket case ARC-5), a product detector, and one additional stage of audio amplification.

To make it even better, the 1000 KHz oscillator signal can be tapped off for dial calibration checkpoints.

It takes some relatively minor mechanical modification to make the existing BFO knob tune the new 85 KHz BFO. Further, it takes some rewiring to make the mode



switch do two things; A- turn the BFO on and off, and B- switch 28 VDC filament voltage to reed relay coils to switch the first audio stage input between the existing BC-348 detector in AM, and the new product detector for CW and SSB.

Done properly, it shouldn't be necessary to drill new holes, or make any unrestorable mechanical mods to the radio.

Comments?

Let the flame throwers roar!!! :)

73's,

Tom, K9TA

-----  
Date: Fri, 11 Jul 1997 19:43:45 -0400 (EDT)  
From: Doug Hall <dhall@jps.com>  
To: boatanchors@sco.theporch.com  
Subject: FS/T: BC-221-T  
Message-ID: <199707112343.TAA28966@passport.ipass.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi folks,

Some time ago I picked up a BC-221-T Frequency Meter. I don't know what demand there is for these things or what they're worth, but I'd like to sell this one or (preferably) swap it for boatanchor stuff.

It appears original except that someone has added an AC supply in the battery compartment and it has an SO-239 for RF input. Front panel is quite clean. Case is in good condition. Has an old pair of headphones with it. It has the operation and calibration manual built in, but the plastic cover is pretty yellowed. Appears to work, although I haven't tried it over the full range. I must confess to knowing very little about this kind of equipment. This thing was made by Zenith, and says "U.S. Army" and "Signal Corps" on the tag.

Drop me a note if you're interested. Stuff I'm looking for:  
100 kHz crystal calibrator for a Hammarlund HQ-145  
a supply of 1614 (or equivalent) tubes  
Hallicrafters R-46 speaker  
Dow Key coax relays  
Anything else that's interesting...

73,

Doug, KF4KL

-----  
Date: Fri, 11 Jul 1997 16:44:40 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Jim Lockwood <jmlckwd@mindspring.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Antenna distribution?  
Message-ID: <Pine.BSF.3.95.970711163850.9594A-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

>  
> I bought a Radio Sharck A/V distribution amplifier, speced to be broad band  
> up to 10 Mc. I swept the thing and found that not only does the video  
> channel have unity gain out to at least 30 Mc, but both of the audio  
> channels do also! Hmmm.....

<snip!>

To my way of thinking, this imaginative, un-orthodox use of  
equipment and components exhibits the amateur radio operator at his  
finest.

Excellent work, Jim!

Ken W7EKB

(Slowly building my 15 watt 12AX7 push-pull RF amp.)

-----  
Date: 11 Jul 97 19:46:27 EDT  
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>  
To: BOATANCHORS <BOATANCHORS@theporch.com>  
Subject: Copy of: ARC-5 IF fun and games  
Message-ID: <970711234627\_103360.2133\_JHL52-1@CompuServe.COM>

----- Forwarded Message -----

From: Thomas A. Adams, 103360,2133  
TO: INTERNET:boatanchors@theporch.com, INTERNET:boatanchors@theporch.com  
DATE: 7/11/97 6:29 PM

RE: Copy of: ARC-5 IF fun and games

...As the scene opens, we see K9TA putting on an aluminized fire suit for the coming storm from the purists...

Greetings, Troops.

Have been watching with interest the thread about adding crystal filters to ARC-5 Command receivers.

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KC IF with cans (scrapped from a basket case ARC-5), a product detector, and one additional stage of audio amplification.

To make it even better, the 1000 KHz oscillator signal can be tapped off for dial calibration checkpoints.

It takes some relatively minor mechanical modification to make the existing BFO knob tune the new 85 KHz BFO. Further, it takes some rewiring to make the mode switch do two things; A- turn the BFO on and off, and B- switch 28 VDC filament voltage to reed relay coils to switch the first audio stage input between the existing BC-348 detector in AM, and the new product detector for CW and SSB.

Done properly, it shouldn't be necessary to drill new holes, or make any unrestorable mechanical mods to the radio.

Comments?

Let the flame throwers roar!!! :)

73's,

Tom, K9TA

-----  
Date: Fri, 11 Jul 1997 17:10:24 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: Product detectors, BC-348s, etc.  
Message-ID: <Pine.BSF.3.95.970711164859.9594C-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmm. Well, I have converted a couple of receivers in the past by modifying the detector to a triode product detector copied from the Heathkit SB-101. I did this to an old R-390 and, a long time ago, to a BC-779. In both of those cases, the apparent sensitivity went WAY up, the apparent noise level went WAY down...and (and this REALLY surprised me) the AM reception did not appear to be effected except that it too was quieter and weaker signals could be copied more clearly.

In the case of the BC-779, with the original circuit, too much RF gain showed that BFO injection was way too low, and the receiver was very noisy. After I installed the product detector, if I turned the audio gain up too high, it motor-boated a bit. I never did try to fix that because it

really didn't bother my operating. With its two RF stages the receiver was VERY quiet with the product detector. I did notice that the receiver drifted back and forth in frequency on 20 meters when I used it for RTTY reception, but it wasn't bad enough to worry about. BTW, I used a 6N7 and simply rewired one of the sockets...I think it was the noise limiter tube socket but I really don't remember for sure.

In the R-390 and 390-A I modified, I used the 1/2 of a 12AX7 (or its 5XXX equivalent) which was normally used to couple the IF output to the connection on the back.

It always puzzled me why the AM reception with this particular product detector wasn't noticeably effected by distortion or something worse. I studied that circuit for quite a while and finally came to the conclusion that it was actually a sort of an infinite impedance detector rather than a true product detector.

Anyone have any idea if I was right here?

In any case, any receiver with a normal diode detector in which I have used it was NOTICEABLY improved.

Oh, BTW, flame-proof long-johns installed. Fire away.

Ken W7EKB

-----  
Date: Fri, 11 Jul 1997 20:25:53 -0400  
From: "Richard L. Duell" <rduell@iac.net>  
To: boatanchors@theporch.com  
Subject: FS - Coyne Electrical Course  
Message-ID: <2.2.32.19970712002553.00f881d0@iac.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was packing up some stuff to take to the Indy hamfest this weekend and decided I would give the list a shot at this set of books. Gotta hurry though because the PU leaves at 5:00 am tomorrow morning.

This is a set of 7 books and is called "Applied Practical Electricity." It was meant as a home study course and reference set. The books are harbound in red leatherette and are in very good condition. They were published in 1945 just in time for all the GIs coming home to the civilian workforce with the GI bill.

Coyne was a big advertiser in all the old radio magazines as well as

Popular Mechanics and Pop Science.

The books cover AC, DC, Rotating machinery, radio, lighting - everything electrical. Really a fun read and can be helpful dealing with old BA stuff.

\$25 for the set plus book rate postage to your location. First to speak gets them. No one speaks - they go to Indy.

73, Rich - W5VDU

-----  
Date: Fri, 11 Jul 1997 21:15:18 -0400  
From: Robert Fowle <hammarlund@jacksonmi.com>  
To: boatanchors@theporch.com  
Subject: FS: original manuals...  
Message-ID: <33C6DAA6.3496@jacksonmi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi all'

I have decided to sell off all my manuals that due not pertain to Hammarlund. At my web site click the Halli icon, & or the BA red icon to see all that i want to sell. the catch is...(you knew there'd be one..)i want to sell the Halli's as one lot, and the same for the 'BA' page...

Asking \$1,000 for all my Halli manuals...shipped and taking serious offers on the BA page manuals...I have always felt i priced my manuals \*very\* competitively..and tried to offer the utmost in quality...But, need to narrow my vision to just Hammarlund....

before you judge the price or make an offer..go look at what all is there....then decide...

Thank you, to the \*many\* who have bought or traded for manuals in the past...I will still be here for the Hammarlund people...

--

Best Regards

Robert Fowle            KC8DBC

\*\*\*\* Visit my Web Page.....\*\*\*\*

my address is:  
1215 Winifred  
Jackson, Mich. 49202-1946  
Ph. 517-789-6721

E-mail: hammarlund@jacksonmi.com  
My Web Page: <http://www.jacksonmi.com/hammarlund>

-----  
Date: Sat, 12 Jul 1997 02:09:23 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: boatanchors@theporch.com, glowbugs@www.atl.org  
Subject: BA/GB "net"  
Message-ID: <19970712020919.AAB18309@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello anchorites/glowbuggers,

Made fairly successful test tonight on 7117 starting about 0100  
thru about 0200 GMT. Had some Mexican SSB intruders around 0200 briefly.  
Present were: W5FRS- Dennis, K2LMQ- Paul, W7ZFB- John and W5TVW-Sandy.

Will be also checking the 7050 and 7060 QRG's for a while to pickup  
stragglers. We are hunting for a better frequency, so bear with us.  
Something to have a minimum of SSB QRM and digital QRM on.  
It's hard enough to cope with the summertime static, let alone  
the other stuff!

See you guys there!

73,  
E. V. Sandy Blaize, W5TVW  
"Boat Anchors collected, restored, repaired, traded and used!"  
417 Ridgewood Drive,  
Metairie, LA., 70001  
ebjr@worldnet.att.net  
\*\*Looking for: 860 tubes, WL-460 tubes\*\*  
\*\*RK-34(VT-224) tubes, Butternut HF2V antenna\*\*

-----  
Date: Fri, 11 Jul 1997 21:11:09 -0500  
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>  
To: rhys@ix.netcom.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA's in the Movies... "Contact"  
Message-ID: <3.0.32.19970711211105.00906db0@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:35 PM 7/11/97 +0000, Larry Wolken wrote:

>Hi Gang --

>

>Yup, Jodie Foster (as a young girl) is a ham and what kind of a rig does she  
>and her dad have??? KWM-2 that's all. Boy these guys in Hollywood get it  
>right every once in a while. Also saw what looked like a Hallicrafters  
>SX-101 or maybe SX-62 in the background but definitely did NOT have all  
>original knobs.

Is Contact playing now or should I check out my local Blockbusters?

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

Looking for prerecorded reel to reel tape albums.

I like old radio's too.

Collins, Hallicrafters, National & Hammurlund are my Favorites!

-----

Date: Fri, 11 Jul 1997 21:16:20 -0500

From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>

To: boatanchors@sco.theporch.com

Subject: More BA's in the movies...

Message-ID: <3.0.32.19970711211616.0090ac40@postoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I have a "screener" videotape in my collection.

They are sent to video rental stores to get them to buy tapes.

Anyway the movie is High Frequency. Young boy (about 14) using a Drake TR-4  
contacts a fella at a sat relay station. The ham gear at the other end is  
solid state though.

Fair movie plotwise. I haven't recorded over it yet.

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

Looking for prerecorded reel to reel tape albums.

I like old radio's too.

Collins, Hallicrafters, National & Hammurlund are my Favorites!

-----



Date: Fri, 11 Jul 1997 21:06:05 -0500 (CDT)  
From: Don Reaves <dr@cei.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Antenna distribution?  
Message-ID: <Pine.LNX.3.91.970711204209.8761A-100000@kc5jh.reaves.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> CU-1388/FLR-9 connected up to eight receivers to one antenna. I do not  
> remember what the Collins unit was called or numbered.  
>  
> Perhaps someone here has one or know where to get one.

I have a Navy CU-168/FRR, made by Collins. 70 Ohm nominal input, 5 70 ohm outputs. It's full of 12AU7s and weighs 41 pounds. N Connectors. Works well with my SP-600, R-388, R-390A, etc. Wish I had another one. Mine was purchased from Fair Radio (in 1966, sorry!).

CU-872A/U is another choice, made by Munston Electronic Manufacturing. It has 8 outputs, and is full of 6922 tubes. BNC connectors. I only have the manual for this one.

I like Jim Lockwood's clever solution, too.

Don Reaves WA5BBS  
dr@cei.net  
NLR, Arkansas 72120

-----  
Date: Fri, 11 Jul 1997 20:27:46 -0800  
From: "Kenneth G. Gordon" <keng@uidaho.edu>  
To: Sandy W5TVW <ebjr@worldnet.att.net>  
Cc: glowbugs@www.atl.org, boatanchors@sco.theporch.com  
Subject: Re: BA/GB "net"  
Message-ID: <199707120329.UAA11873@piobaire.mines.uidaho.edu>

>  
> Made fairly successful test tonight on 7117 starting about 0100  
> thru about 0200 GMT. Had some Mexican SSB intruders around 0200 briefly.  
> Present were: W5FRS- Dennis, K2LMQ- Paul, W7ZFB- John and W5TVW-Sandy.

Seems to me that the higher up you go the MORE likely you will be to get SSB/Digital QRM. Why not go a little lower...like 7026...or below.

> Something to have a minimum of SSB QRM and digital QRM on.

> It's hard enough to cope with the summertime static, let alone  
> the other stuff!

Down, not up.

Ken W7EKB

-----  
Date: Fri, 11 Jul 1997 20:37:17 -0700 (PDT)  
From: jworth@scn.org (SCN User)  
To: boatanchors@theporch.com  
Subject: ::::: QST MAGAZINES FS :::::  
Message-ID: <199707120337.UAA13079@scn.org>

::::: QST MAGAZINES :::::

Please add \$3.25 UPS shipping for each year.

All are in VERY GOOD - EXCELLENT condition.

-----  
1950 -- Missing June \$11  
1951 -- Missing Jan, Feb, Mar, Apr, July \$7  
1952 -- Missing Jan, Feb, Mar, May, June \$7  
1964 -- Complete \$9.50  
1965 -- Complete \$9.50  
1966 -- Complete \$9.50  
1967 -- Complete \$9.50  
1968 -- Complete \$9.50  
1969 -- No Nov \$8.75  
-----

Jacob Worthington  
AA4FM  
Conway, Arkansas, USA

-----  
Date: Fri, 11 Jul 1997 22:36:48 -0500  
From: George Humphrey <gah@koyote.com>  
To: boatanchors@sco.theporch.com  
Subject: New Orleans Surplus/BA Haunts  
Message-ID: <1.5.4.32.19970712033648.006d3da8@mail.koyote.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BAers,

I may run down to New Orleans the next few days and was wondering if there are any firebottle hangouts or military surplus/salvage stores with electronics that glow in the dark?? Baton Rouge also?? Please reply via private e-mail unless you think it may be of general interest.

73s George KC5WBV  
gah@koyote.com

-----  
Date: Fri, 11 Jul 1997 20:52:01 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: HR mag, etc.  
Message-ID: <Pine.BSF.3.95.970711204949.12077A-1000000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have a complete set of Ham Radio mag squirreled away somewhere?

Also, I was given a reference to where I might find something on push-pull oscillators, but I have been unable to find the handbook mentioned.  
Anyone else have any suggestions?

Ken W7EKB

-----  
End of BOATANCHORS Digest 1556

\*\*\*\*\*

>1557

>From owner-boatanchors@theporch.com Sat Jul 12 16:37 CDT 1997  
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id QAA13081  
> for <SHIMSHON@URO.THEPORCH.COM>; Sat, 12 Jul 1997 16:37:05 -0500 (CDT)  
>Received: from sco.theporch.com (localhost [127.0.0.1])  
> by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2) with SMTP id VAA27253;  
> Sat, 12 Jul 1997 21:36:01 GMT  
>Message-Id: <199707122136.VAA27253@sco.theporch.com>  
>Date: Sat, 12 Jul 1997 16:36:01 CDT  
>Sender: owner-boatanchors@theporch.com  
>From: boatanchors@theporch.com  
>To: Old Tube Radios <boatanchors@theporch.com>  
>Subject: BOATANCHORS digest 1557  
>Mime-Version: 1.0  
>Content-Type: multipart/mixed; boundary="--  
\_\_ListProc\_\_NextPart\_\_868743352434371676"  
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
>Status: 0

#### BOATANCHORS Digest 1557

Topics covered in this issue include:

- 1) WTB: G-63  
by ARONGV@aol.com
- 2) Re: Copy of: ARC-5 IF fun and games  
by jackiv@juno.com (John M Iverson)
- 3) Gulf War Iraqi/Soviet backpack set query  
by "Bob Duckworth" <wb4mnf@atl.org>
- 4) address  
by Raymond Cote <cote@lepton.soest.hawaii.edu>
- 5) Riders manuals  
by Raymond Cote <cote@lepton.soest.hawaii.edu>
- 6) Re: R390A nameplates  
by Peter Ferrand <petef@sprynet.com>
- 7) Re: BA/GB "net  
by Ken Gordon <keng@uidaho.edu>
- 8) history: Q5er/BC348, R390/3TF7 hack  
by marty@aa4rm.radio.org (locale for Marty Reynolds)
- 9) Re: BA/GB "net  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 10) FS: HD-19 Hybrid Phone Patch  
by Michael Crestohl <mc@shore.net>

- 11) Re: Gulf War Iraqi/Soviet backpack set query  
by "Walter L. Marshall" <wmarshall@CapAccess.org>
- 12) Mil  
by Surplus Al <surplsal@tl.infi.net>
- 13) Re: BA/GB "net  
by gpewitt@execpc.com
- 14) FRRL Hamfest  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 15) Re: BA/GB "net  
by Ken Gordon <keng@uidaho.edu>
- 16) Re: Heathkit Service Bulletins  
by "Daniel H. Arney Jr." <kn6di@idt.net>
- 17) multireceiver antenna coupler  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 18) FT: Silver Marshall Coils  
by nielw@ix.netcom.com (Niel Wiegand)
- 19) Bendix TA-12 Xmtr.  
by "James R. Binkley" <w4aos@his.com>
- 20) Texas City Hamfest Report, VE test results  
by bdhall@ghg.net (Benjamin D. Hall)
- 21) Another Texas City hamfest report  
by Phil Mills <pmills@a.crl.com>
- 22) Re bendix TA12  
by philip mccooy <dgnova@erols.com>
- 23) Re: Mil Nets  
by "Christopher A. Bowne" <radiobwn@riconnect.com>
- 24) DX ENGINEERING RF SPEECH PROCESSOR FOR COLLINS AND DRAKE(?)  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 25) GALAXY POWER SUPPLY RATINGS NEEDED  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 26) Re: Mil  
by "Walter L. Marshall" <wmarshall@CapAccess.org>
- 27) CIVILIAN TEST EQUIP MANUALS  
by "ROBERT W DOWNS, WA5CAB" <RWDowns\_WA5CAB@compuserve.com>
- 28) South Milwaukee Hamfest  
by "Thomas A. Adams" <103360.2133@CompuServe.COM>

-----

Date: Sat, 12 Jul 1997 01:16:29 -0400 (EDT)  
From: ARONGV@aol.com  
To: boatanchors@theporch.com  
Cc: baswaplist@foothill.net  
Subject: WTB: G-63  
Message-ID: <970712011628\_558616386@emout18.mail.aol.com>

Hi Gang:

Seriously in the hunt for a Gonset G-63 hamband receiver. Will take anything from a junker to a nice working unit.

Ron W00IZ Kansas City

-----  
Date: Fri, 11 Jul 1997 20:18:52 CDT  
From: jackiv@juno.com (John M Iverson)  
To: 103360.2133@CompuServe.COM  
Cc: boatanchors@theporch.com  
Subject: Re: Copy of: ARC-5 IF fun and games  
Message-ID: <19970712.030642.9838.0.jackiv@juno.com>

On 11 Jul 97 19:46:27 EDT "Thomas A. Adams" <103360.2133@CompuServe.COM> writes:

>  
>----- Forwarded Message -----  
>  
>From: Thomas A. Adams, 103360,2133  
>TO: INTERNET:boatanchors@theporch.com,  
>INTERNET:boatanchors@theporch.com  
>DATE: 7/11/97 6:29 PM  
>  
>RE: Copy of: ARC-5 IF fun and games  
>  
>...As the scene opens, we see K9TA putting on an aluminized fire suit  
>for the  
>coming storm from the purists...  
>  
>Greetings, Troops.  
>  
>Have been watching with interest the thread about adding crystal  
>filters to  
>ARC-5 Command receivers.  
>  
>Well, if there's guys out there with nerve enuff to admit to this  
>kinda  
>modification to rigs, I thought I might just as well confess my sins  
>and outline  
>one of the projects going on here... <GULP>  
>  
>Consider the BC-348.  
>  
>Not a bad receiver. One of my favorite old soldiers, in fact.

>  
>Main complaint (besides the usual low overall gain gripe) is IF  
>selectivity for  
>CW use. Even with the crystal filter, I've always felt it could stand  
>to be  
>tightened up a mite.  
>  
>For more conventional postwar receiver designs, the troops found out  
>real quick  
>that a 190 - 550 KC Command receiver could be connected to the 455 KC  
>IF strip,  
>and used as a so-called "Q- Fiver", converting the single conversion  
>rig to  
>double conversion, with a narrow 2nd IF strip. One of the common  
>complaints to  
>this approach was that the new 2nd IF was SO narrow that it neatly  
>sliced into  
>the sidebands of AM signals, especially after you played with the coil  
>slug rods  
>in the Q-5er.  
>  
>Sounds like just what I wanted... except for one problem. The stunt  
>works with  
>a 455 KHz IF, and the BC-348 has an IF at 915 KHz.  
>  
>There IS a solution.  
>  
>The IF strip of the Q-5er (where all that nice, tight selectivity  
>lives) is 85  
>KHz.  
>  
>If you dump the BC-348's 915 KHz IF signal into a mixer, along with a  
>1000 KHz  
>crystal oscillator signal (dirt cheap microprocessor time base rock),  
>the  
>resulting output is 85 KHz.  
>  
>Most of the BC-348s around now have already suffered the indignity of  
>having an  
>AC supply installed in the internal dynamotor well. I never thought  
>much of that  
>plan (too much heat dumped inside the rig case), and I don't mind  
>having an  
>external AC supply taking up shack space. So, a scrap of sheet  
>aluminum has been  
>cut, filed, and drilled to fit in the dynamotor well, screwed into the  
>dynamotor  
>mounting bosses. It is big enuff to hold the mixer, oscillator, 2

>stages of 85  
>KC IF with cans (scrapped from a basket case ARC-5), a product  
>detector, and one  
>additional stage of audio amplification.  
>  
>To make it even better, the 1000 KHz oscillator signal can be tapped  
>off for  
>dial calibration checkpoints.  
>  
>It takes some relatively minor mechanical modification to make the  
>existing BFO  
>knob tune the new 85 KHz BFO. Further, it takes some rewiring to make  
>the mode  
>switch do two things; A- turn the BFO on and off, and B- switch 28 VDC  
>filament  
>voltage to reed relay coils to switch the first audio stage input  
>between the  
>existing BC-348 detector in AM, and the new product detector for CW  
>and SSB.  
>  
>Done properly, it shouldn't be necessary to drill new holes, or make  
>any  
>unrestorable mechanical mods to the radio.  
>  
>Comments?  
>  
>Let the flame throwers roar!!! :)  
>  
>  
>  
>73's,  
>  
>  
>  
>Tom, K9TA  
>  
>tom, this is what the boatanchors are all about, to convey a good idea  
to all. not a really thing to preserve the original but to to see what  
can be done for the fun of experimentation. go ahead you flame  
throwers.....  
jackiv@juno.com

-----  
Date: Sat, 12 Jul 1997 04:31:44 +0100  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: Gulf War Iraqi/Soviet backpack set query



Message-ID: <199707120827.EAA01191@atl.org>

I don't know if this is gonna be a BA or not and am not on the mil reflector (there is one?) so will appreciate a forward to it. I've stumbled across a vet who says he has a radio set that came home from the gulf war with him. All he knows is that it is two backpacks worth of stuff including the battery pack. It's going to be quite a struggle even to get a look at the thing so before taking two days from work thought I'd see if anyone has any idea what sort of gear the Iraqi guys were using. Don't even know freq. range or modes so this is kind of a shot in the dark.

-bob  
wb4mnf  
certified gizmologist  
Societe de Gizmologitique Internationale #1

-----  
Date: Fri, 11 Jul 1997 23:53:47 -1000  
From: Raymond Cote <cote@lepton.soest.hawaii.edu>  
To: boatanchors@sco.theporch.com  
Subject: address  
Message-ID: <33C7542B.468E@lepton.soest.hawaii.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone have Kim Herrons address? The one I'm using is always bouncing and he is not listed in the qth.bafolks. Sori for BW

Ray

-----  
Date: Sat, 12 Jul 1997 00:10:09 -1000  
From: Raymond Cote <cote@lepton.soest.hawaii.edu>  
To: boatanchors@sco.theporch.com  
Subject: Riders manuals  
Message-ID: <33C75801.1963@lepton.soest.hawaii.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

What is a fair price for a complete set of Riders manuals worth? Found

a source here in Honolulu. Have not looked it over yet so don't know condition. Old timer ex-ham (82 years old) wants to get rid of them.. Price will be plus shipping book rate USPS.  
RAy

-----  
Date: Fri, 11 Jul 1997 18:16:56 -0400  
From: Peter Ferrand <petef@sprynet.com>  
To: davemed@worldnet.att.net, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: R390A nameplates  
Message-ID: <3.0.32.19970711181544.00a03aa0@m3.sprynet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:48 PM 7/11/97 -0700, David Medley wrote:  
>I was most fortunate recently in finding a SMALL supply of the metal  
>nameplates that are almost always missing from the front panels of these  
>radios.

How about scanning some or all of these babies in and posting them in some standard printable form in the archives?

tnx es 73  
-Pete  
petef@sprynet.com

-----  
Date: Sat, 12 Jul 1997 03:42:02 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Richard Wilkerson <richqrp@cts.com>  
Cc: Sandy W5TVW <ebjr@worldnet.att.net>, glowbugs@www.atl.org,  
boatanchors@sco.theporch.com  
Subject: Re: BA/GB "net"  
Message-ID: <Pine.BSF.3.95.970712034000.15930D-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> > Down, not up.  
> >  
> > Ken W7EKB  
> \*\*\*\*\*  
> Not too low Ken, dummies like me cant go below 25????? I know I know  
> upgrade, upgrade.....

Ah! Yes. It was not my intention to exclude anyone. Perhaps I might remind Sandy and the others that if we get up into the Novice band we will ALL be required to run Novice power levels in order to be legal. No more Big Bertha's or pairs of 813's.

Ken W7EKB

-----  
Date: Sat, 12 Jul 1997 08:20:07 -0400  
From: marty@aa4rm.radio.org (locale for Marty Reynolds)  
To: 103360.2133@CompuServe.COM, boatanchors@theporch.com  
Subject: history: Q5er/BC348, R390/3TF7 hack  
Message-ID: <199707121220.IAA11973@aa4rm>

My pal GW3NJY did this in 1961 & published it in the Journal of the RSGB. He just put a 1000kc octal xtal in the 12SK7 RF amp. socket, did a simple re-wire, & fed the '348 IF out to the 12K8 'signal grid.' No dyno area stuff involved.

And #2 in the history department is a Coast Guard 1961 field maint. R390 tech note on the dual 12BA6 - short the 3TF7 "field expedient" noting "every recent table radio has at least 1 12BA6 inside"

So there!

M

-----  
Date: Sat, 12 Jul 1997 07:45:16 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: Ken Gordon <keng@uidaho.edu>  
Cc: Richard Wilkerson <richqrp@cts.com>, Sandy W5TVW <ebjr@worldnet.att.net>, glowbugs@www.atl.org, boatanchors@sco.theporch.com  
Subject: Re: BA/GB "net"  
Message-ID: <Pine.SUN.3.96.970712073958.17716B-100000@indy2>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Um, there's one other problem with movin' the BA-freq around: some of us (well, me) are rockbound! Might be able to squeak the 7120kc job down to 7117; otherwise I'll be out 'til I can order some new crystals.

...OTOH and especially now that Pheonix is in biz, no less a light than Fred Sutter, W8QBW remarked that crystals had become cheap enough the one could accumulate quite a few without huge expense; that was sixty years ago and he's still right. So it's not too onerous a thing.

Who knows, might even find one at the Indy Hamfest today! To which I shall be off now, with high hopes and more cash than I otta. :)

73,  
--Bobbi

-----  
Date: Sat, 12 Jul 1997 08:56:02 -0400 (EDT)  
From: Michael Crestohl <mc@shore.net>  
To: heath@listserv.tempe.gov  
Cc: boatanchors@theporch.com  
Subject: FS: HD-19 Hybrid Phone Patch  
Message-ID: <199707121256.IAA13849@northshore.shore.net>

Hi Heath Gang:

I have a very clean Hybrid Phone Patch - this is in really nice cosmetic condition and has the cool chrome knobs and the older Heath dark green paint which matches the big Heath AM stations of the 1950s. Sorry but I don't have the docs for this one. Price is \$30.00 plus UPS charges. I will pack it well to survive the ordeal.

If interested please reply by e-mail.

73,

Michael, W1RC  
mc@shore.net

-----  
Date: Sat, 12 Jul 1997 09:31:27 -0400 (EDT)  
From: "Walter L. Marshall" <wmarshall@CapAccess.org>  
To: Bob Duckworth <wb4mnf@atl.org>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Gulf War Iraqi/Soviet backpack set query

Message-ID: <Pine.SUN.3.91-FP.970712092925.5185C-1000000@cap1.capaccess.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, I believe this is a BA. EEB on Mill St., Vienna,  
Virginia, has one on display.

Walter

P.S. EEB= Electronic Equipment Bank

-----  
Date: Sat, 12 Jul 1997 08:23:02 -0400  
From: Surplus Al <surplsal@tl.infi.net>  
To: boatanchors@theporch.com  
Subject: Mil  
Message-ID: <33C77726.392D@tl.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Does anyone know of any Mil Nets on Mil BA equipment? Information on  
Many Armed Forces BA Sets available. Also wondering how many Teletype,s  
are still in use. Had some server problems so I'm at a loss. 73,s Al

-----  
Date: Sat, 12 Jul 97 09:06:31 PDT  
From: gpewitt@execpc.com  
To: "Roberta J. Barmore" <rbarmore@indy.net>  
Cc: boatanchors@theporch.com  
Subject: Re: BA/GB "net"  
Message-ID: <Chameleon.970712091755.gpewitt@execpc.com.execpc.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Bobbi, maybe you can help some of us who are not as well  
informed as to how to select crystals for the various  
ham bands. It gets pretty confusing at least to me.  
Some crystals are used on the fundamental frequency,  
some work at half or a third, some at twice, or four times.  
Not to mention all the different sizes.  
Then there is the rig to consider, some double or triple  
the crystal freq.. Is there a guide available, a book,  
or maybe an ARRL pamphlet?  
I sure hate to waste my radio budget buying the wrong stuff.  
When I see a box full of crystals at a ham fest I don't know  
which ones to buy, if any.  
I ordered the novice 7 crystal pack from Phonix which should

get me started. I am a tech plus at the moment working on 13 wpm.

Thanks and 73 Gary

On Sat, 12 Jul 1997 07:45:16 -0500 (EST) Roberta J. Barmore wrote:

>

>Hi!

>

> Um, there's one other problem with movin' the BA-freq around: some of

>us (well, me) are rockbound! Might be able to squeak the 7120kc job down

>to 7117; otherwise I'll be out 'til I can order some new crystals.

> ...OTOH and especially now that Pheonix is in biz, no less a light than

>Fred Sutter, W8QBW remarked that crystals had become cheap enough the one

>could accumulate quite a few without huge expense; that was sixty years

>ago and he's still right. So it's not too onerous a thing.

> Who knows, might even find one at the Indy Hamfest today! To which I

>shall be off now, with high hopes and more cash than I otta.

:)

>

> 73,

> --Bobbi

>

>

-----  
Name: Gary Pewitt N9ZSV/KT  
6120 W. Calumet Rd. Apt 204  
Milwaukee, WI 53223  
414 355 8147 Home 414 297 4307 Work  
E-mail: gpewitt@execpc.com  
Date: 07/12/97  
Time: 09:06:31

This message was sent by Chameleon

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Date: Sat, 12 Jul 1997 09:44:13 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Boatanchors <boatanchors@sco.theporch.com>  
Cc: glowbugs <glowbugs@www.atl.org>  
Subject: FRRL Hamfest  
Message-ID: <Pine.ULT.3.96.970712094231.29934B-100000@admin.aurora.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone going to the Fox River Radio League hamfest in Sugar Grove, IL tomorrow? I'll be there in the AM and will monitor 147.54 simplex as I am wandering around.

E-mail broehrig@admin.aurora.edu                      73 de Bob, K9EUI  
CIS: Data / Telecom    Aurora University, Aurora, IL  
630-844-4898    Fax 630-844-5530

-----  
Date: Sat, 12 Jul 1997 08:06:19 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: "Roberta J. Barmore" <rbarmore@indy.net>  
Cc: Richard Wilkerson <richqrp@cts.com>, Sandy W5TVW <ebjr@worldnet.att.net>, glowbugs@www.atl.org, boatanchors@sco.theporch.com  
Subject: Re: BA/GB "net"  
Message-ID: <Pine.BSF.3.95.970712080302.19213A-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

>  
> Hi!  
>  
>     Um, there's one other problem with movin' the BA-freq around: some of  
> us (well, me)

AND ME!

>are rockbound!   Might be able to squeak the 7120kc job down  
> to 7117;

I have a 7160...also 7020 and 7015

> otherwise I'll be out 'til I can order some new crystals.

Likewise: this "cross-band" stuff doesn't work: no one listens off their

own frequency...except myself.

> ...OTOH and especially now that Pheonix is in biz, no less a light than  
> Fred Sutter, W8QBW remarked that crystals had become cheap enough the one  
> could accumulate quite a few without huge expense;

Yes, but still an expense which, at least in our household, is hard to justify.

> that was sixty years  
> ago and he's still right. So it's not too onerous a thing.  
> Who knows, might even find one at the Indy Hamfest today! To which I  
> shall be off now, with high hopes and more cash than I otta. :)

Good luck. Tell us what you find.

Ken W7EKB

-----  
Date: Sat, 12 Jul 1997 08:01:54 -0700  
From: "Daniel H. Arney Jr." <kn6di@idt.net>  
To: joelutz@juno.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Heathkit Service Bulletins  
Message-ID: <33C79C62.271F@mail.idt.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Joseph W Lutz wrote:

>  
> Apparently the Service Bulletins that I have been posting to the [3]  
> groups are in the words of some 'wasting the time of hundreds of people'.  
>  
Joe I thought that the BA's was meant to furnish this type of info.  
KEEP THEM COMING. YOU MIGHT PUT OUT A GENERAL BULLETIN TO INSTRUCT THE  
CRY BABIES WHERE THE DELETE KEY IS LOCATED.  
Hank KN6DI

-----  
Date: Sat, 12 Jul 1997 10:20:22 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Boatanchors <boatanchors@sco.theporch.com>  
Subject: multireceiver antenna coupler  
Message-ID: <Pine.ULT.3.96.970712101654.337C-1000000@admin.aurora.edu>



Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I see that many others are looking to connect several receivers to a single antenna. I have a unit here that was designed by a BA member (who is not on here right now) and have asked his permission to pass this design along. All I'll say about it at this point is that it uses a single active device with 20dB gain and a noise fig better than 2dB. Good well into VHF. I'll keep you posted.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

-----  
Date: Sat, 12 Jul 1997 10:28:54 -0500 (CDT)  
From: nielw@ix.netcom.com (Niel Wiegand)  
To: boatanchors@theporch.com  
Subject: FT: Silver Marshall Coils  
Message-ID: <199707121528.KAA17990@dfw-ix8.ix.netcom.com>

I have 14 Silver Marshall coils with part numbers like 131L, 131M, 131N, 1310 and 131P .These appear to be 30's vintage regen rcvr coils covering the HF frequencies.

Does anyone know which rcvr these went with?

I'm more into National Radio stuff or transmitters. Anyone want to discuss a trade?

73, Niel - WA5VLZ/0 Rochester, MN

-----  
Date: Sat, 12 Jul 1997 11:40:48 -0700  
From: "James R. Binkley" <w4aos@his.com>  
To: boatanchors@theporch.com  
Subject: Bendix TA-12 Xmtr.  
Message-ID: <33C7CFB0.18E9@his.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I bought back copies of QST covering 47-52 at the Frederick Md.

hamfest. I have really enjoyed reading these issues, that was when surplus was really getting on the market, there were lots of articles about conversion and the ads were full of all kinds of wonderful stuff, receivers, transmitters, tubes and transformers.

One transmitter I noticed in the 1947 volume was the Bendix TA-12. I don't recall hearing much about this unit. I like it because of its looks, it's not really very military looking, a 11x12x15 rectangular box with a meter, (2 inch, 5 amp. rf current), in the center and an array of about a dozen switches nicely arranged on the front panel. The ads call it a 100 watt transmitter. the tube lineup is given as three 807's !, and four 12SK7's. Has four separate master oscillators (do they mean VFO's or xtal oscillators?) which can be changed to cover 20-40-80 meters. The case is an aluminum casting. All this for \$49.95 complete with tubes and simple instructions for conversion!! The ads don't say anything about power supply, wonder if it is internal or separate and if it was 110 vac or low voltage d.c. with dynamotor?

Does anyone know about these rigs, they do not seem to have been very popular, I wonder why? What say gang someone must own, or have owned, or have some stories to tell about this rig, I would like to learn more about it.

Bob w4aos@his.com

-----  
Date: Sat, 12 Jul 1997 12:40:03 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: BoatAnchors@SCO.ThePorch.Com  
Subject: Texas City Hamfest Report, VE test results  
Message-ID: <3.0.32.19970712124000.006cb438@mailman.ghgcorp.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings y'all, just got back from the Texas City Texas Hamfest.

Generally, Texas City is a smaller fest, but the price is small (\$3) and the drive from my QTH is small (like 20 minutes) so I went.

Lots of BA's - Saw an HT-37 in okay shape for \$45, an SX-71 looked okay for \$100, and lots of the usual Drake and Collins stuff, but nothing I was interested in. One of the lighter moments was when I saw a box of tubes loose with maybe five transmitting tubes in it, which had a sign on it that said: VINTAGE TRANSMITTING TUBES - COLLECTORS ITEMS. Think the price was \$3 or \$5 each for these tubes. Kicker is that Byron Tatum in the next room over was selling good xmitting tubes for the same price!!!

Saw BA members Ray Mack and Phil Mills, and got to offload junk to Phil and then pick up junk from Ray, so the net influx of cool junk was about zero. I had planned on taking my Tech exam at this fest, but thanks to business booming at the Old Salt Mine, I didn't get a chance to crack the book. But, Ray and Phil said I had nothing to lose by taking the test (except \$6.25) so I signed up and took it. Unbelievably, I PASSED!!! (yee haw!) There was even a question on the test asking "Which of these symbols is a vacuum tube triode?" Got that one, heh heh heh... So, I'm now in the market for 2 meter FM BA equipment if there is such equipment...

73 y'all,  
Ben

---

Benjamin D. Hall, ham radio callsign pending (yay!) - engine and radio collector / operator extraordinaire.  
Located in Houston, Texas, United States of America.  
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

-----  
Date: Sat, 12 Jul 1997 12:17:13 -0500  
From: Phil Mills <[pmills@a.crl.com](mailto:pmills@a.crl.com)>  
To: [boatanchors@theporch.com](mailto:boatanchors@theporch.com)  
Subject: Another Texas City hamfest report  
Message-ID: <3.0.1.32.19970712121713.006865fc@a.crl.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Here's what I remember.....

SX-71 in nice shape, asking \$150  
HQ160, looked good except bfo knob had been replaced by a small vernier dial screwed to the front panel, \$100  
HQ-100 with clock, nice shape, \$85  
Drake TR-4 with ps and spkr, \$275  
75A2, nice shape, \$350  
SB-614 station monitor scope, \$200 (that's no typo, \$200!)

Lots of test equipment, parts, and tubes.

I bought several lots of carbon resistors, 50 or 100 to a lot, for \$1 a lot. Paid \$2 for a box of aluminum chassis and heat sinks that had a homebrew vhf transmitter and converter with lots of nice parts. Bought a homebrew 813 final amp for \$40 with lots of good parts including B&W 850A tank coil....guess I'll restore this one since it is described in the 16th Radio Handbook that Ben Hall gave me. Also got an HP vhf signal generator with FM modulation capability to tune up my BA 2 meter rig....

I have an old Comco unit that I just crystalled for the local repeater that is pretty far off on the receiver rf alignment.

Lots of computer stuff and solid state stuff. Did not see any military BA gear at all which I thought was unusual. Also, other than the SB-614 mentioned previously, I saw only one other Heath unit.

thanks & 73,  
Phil

Phil Mills	*****	WTB	14th Ed. Radio Handbook	*****
pmills@a.crl.com	*****		12th Ed. Radio Handbook	
*****				
281-992-5762 DAYS				
P.O. Box 1307				
Friendswood, TX 77549 (near Houston)				

-----  
Date: Sat, 12 Jul 97 12:59:27 -0700  
From: philip mccoey <dgnova@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: Re bendix TA12  
Message-ID: <199707121818.0AA19748@smtp3.erols.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii

Re the TA12:

This is going from memory, and my brain has turned to mush over the years. However:

During the late 40s I was an active ham and my fellow hams had the Bendix TA12.

It had 4 separate vfos. I think at least one was in the long wave band. It was usually converted to 20 meters, the long wave vfo, that is.

The power supply and modulator were separate. Never saw a power supply or modulator. One of the Canadian boatanchor people has the modulator-supply.

They were popular. But there were not that many of them.

Philip McCoy W3SAK dgnova@erols.com

-----  
Date: Sat, 12 Jul 1997 14:55:23 -0400  
From: "Christopher A. Bowne" <radiobwn@riconnect.com>  
To: surplusal@tl.infi.net  
Cc: boatanchors@theporch.com  
Subject: Re: Mil Nets  
Message-ID: <33C7D31B.610E@riconnect.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> Does anyone know of any Mil Nets on Mil BA equipment?

The Old Military Radio Net (Northeast USA) meets weekly on 3885 kc AM Saturday mornings at 0600 local. I am posting this to the BA list, as well as in reply to Surplus Al, to remind everyone that we are now back on 75 meters after our winter sessions on 1995 kc. We welcome check ins from anyone interested in old military radio sets. Operation on such sets, although encouraged, is not a prerequisite for check-in! The net is fairly informal, with the usual net control being Dennis, WA3YXN. We usually close the net around 0800, with informals thereafter. This morning's check ins included everything from a BC-610 in Arizona (Brian, WB8JBT/7), to a GRC-9 portable station in New Hampshire (Pete, WB2JWU/1). Other sets checked in included several ART-13s, other BC-610s, some T-368s, and a T-195.

Several of the net regulars (myself, Dale, KW1I, and Ted, W3PWW, in particular), have been having an informal mil BA CW sked on Sunday evenings on 3565 kc at 2100 local. We welcome any others who want to chirp along with us on our BC-191s, TCMs, GRC-9s, and ARC-5s!

73,

Chris Bowne, AJ1G  
Stonington, CT  
radiobwn@riconnect.com

-----  
Date: Sat, 12 Jul 1997 16:43:09 -0400 (EDT)  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
To: boatanchors@theporch.com  
Subject: DX ENGINEERING RF SPEECH PROCESSOR FOR COLLINS AND DRAKE(?)  
Message-ID: <9707121643.aa21887@pcusa01.ecunet.org>

MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

To: boatanchors@theporch.com

I've got a DX Engineering RF speech processor # LC-1-32S which plugs in the the Collins 32S-\* series of transmitters.

I've heard that there was also a model made for Drake transmitters or transceivers. Is this true? Is the one I've got possibly adaptable?

Thanks.

-John Sehring (Sat, Jul 12, 1997 2:00 pm MT @Baker, Montana) UCC WB2EQG

-----  
Date: Sat, 12 Jul 1997 16:43:11 -0400 (EDT)  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
To: boatanchors@theporch.com  
Subject: GALAXY POWER SUPPLY RATINGS NEEDED  
Message-ID: <9707121643.aa21912@pcusa01.ecunet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

To: boatanchors@theporch.com

I have a Galaxy model A.C. 400 AC power supply & manual.

It's obviously for a Galaxy transceiver. The power supply manual gives output voltages but no current ratings for it. I'd like to use the ps with other equipment but. . .

Does anybody know what particular Galaxy equipment/s this ps was meant for & the power requirements for it/them?

Thanks.

-John Sehring (Sat, Jul 12, 1997 2:02 pm MT @Baker, Montana) UCC WB2EQG

-----  
Date: Sat, 12 Jul 1997 17:08:28 -0400 (EDT)  
From: "Walter L. Marshall" <wmarshall@CapAccess.org>  
To: Surplus Al <surplsal@tl.infi.net>  
Cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Mil  
Message-ID: <Pine.SUN.3.91-FP.970712170725.16989A-1000000@cap1.capaccess.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear Al,  
Another resource for military equipment info:  
<http://telalink.net/~badger/millist/mi.html>  
Walter

-----  
Date: Sat, 12 Jul 1997 17:24:15 -0400  
From: "ROBERT W DOWNS, WA5CAB" <RWDowns\_WA5CAB@compuserve.com>  
To: BOATANCHORS <boatanchors@theporch.com>  
Subject: CIVILIAN TEST EQUIP MANUALS  
Message-ID: <199707121724\_MC2-1ABA-35A4@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

Group,

Mixed in with a bunch of TM 11's and NAVSHIPS that I picked up recently were some manuals which are, shall we say, "foreign" to my collection. I=

don't have much in them, so will take offers on the following: Heathkit Model GW-30 (2), Eico Model 730, 1020 & 1060, Paco Model T-60, HP Model 400D/L/H/H02-400D (all in one manual), Philips PM3266. Also have a Motorola Communications Buyers Guide No. 168-9. Catalog is undated, but it has a tube price update list stuck in the front dated 01 FEB 68, and a JAN 68 Parcel Post chart in the back.

Let me emphasize that the above are manuals, NOT equipment.

73, Robert W. Downs, WA5CAB  
RWDowns\_WA5CAB@compuserve.com  
Houston, TX

-----  
Date: 12 Jul 97 17:31:11 EDT  
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>  
To: BOATANCHORS <BOATANCHORS@theporch.com>  
Subject: South Milwaukee Hamfest

Message-ID: <970712213110\_103360.2133\_JHL34-1@CompuServe.COM>

Greetings, Troops!

The infamous South Milwaukee ("Oak Creek") Hamfest for 1997 has become history. As usual, it was a BA delight, not to be missed.

As usual, it was a "blue collar" ham's event, with few of the high tech engineering types present; that is, it's normally a hamfest where the ham gear is actually more plentiful than computer junk!

This one is always on my "MUST not miss" list, and once again it didn't let me down.

Like ANY event for working class Milwaukeeans, we had the usual "Happy Hour", with FREE BEER! After the kegs get tapped you can see guys carrying three or four cups back to their tables, and shortly thereafter for some strange reason, the price negotiations get a whole lot easier!

A few sample items that caught my eye...

-HR0-7        Very good shape, asking \$250

-SP-400        Reworked, will need some TLC and a panel repaint job, asking \$50; it went (don't know price)

-Viking 2 plus 122 VFO        Repainted, but good shape        Asking \$175, but seller said he was easy on price.

-Viking 2 CDC (Civil defense / general coverage version), with 122 VFO        Asking \$250, same seller as normal Viking 2 listed above. Cabinet repaint, good shape. Went.

-Elmac AF-67        Same seller as the Vikings. Again, cabinet repaint, looked very good; asking \$75

-BC-348R        Sorta grungy outside, but it will clean up nicely. Interior immaculate; NOT MFP sprayed!!! No visible mods, except AC supply addition. It followed me home for \$35.00

-Heathkit Seneca transmitter        Been in storage for awhile. Only visible mod was addition of xtal socket on front panel. At a paltry \$35.00 for a rig I've been looking for about a year now, it will be happy in my shack! :-)  
With the Motorola low band 4CX250 amp I've been hoarding, this thing should put a pretty reasonable dent in the ionosphere over Sun Prairie!

-US Navy model DZ-2 direction finder receiver (RCA built)        14.9 - 70 KHz, and 100 - 1500 KHz. Looks VERY good, inside and out; probably never issued. With



manual and receiver shock mount, no loop or dynamotor. I'm a sucker for ANYTHING that will tune below the AM broadcast band; after long, hard, all day negotiations, \$50.00 later it followed me home.

There was a LOT of other BA gear that I haven't mentioned, including a pretty good assortment of other military stuff.

Hallicrafters was well represented with pretty good specimens of the S-36A and S-37, a couple of S-38s, an SX-101, and a somewhat sad looking HT-41, which had too many CBers sniffing around it! Milwaukee always was a big town for overpowered CB operations!

For the key collectors, pickings were kinda slim. I hit early, and came up with a '60s vintage Vibroplex Original, in the original labeled / serial numbered box no less, in what I'd consider mint condition. It even still has the rubber shipping damper blocks. Also, a beige based Vibrokeyer, with a new pivot screw installed. The only other key I saw of ANY kind was a Vibroplex Iambic Standard; didn't go after it. While these two keys aren't rare, or even scarce models, they free up several lesser specimens in my collection for use as trading fodder.

A very few landline sounders were offered at slightly high prices. No line relays, or "pony" relays were seen.

You'll notice that I didn't mention prices on keys. That was deliberate.

I consider the prices I paid to be high, but about fair in light of the current market. I am tired of the insane inflation in key prices. I refuse to play the "deep pockets" game, and from now on I've decided that I won't do anything to encourage it in others, like providing convenient "benchmark" prices on keys, sounders, etc. Key collecting was a nice hobby until the invasion of "investors" and the "I want a magnificent collection NOW" folks. The scarcity of keys the last couple of years is, in my opinion, because of these folks buying up keys and holding the, hoping for the price to zoom out of sight.

When I see some yahoo offering a beat up bug with an outrageous price tag on it, I do the only thing I can, by voting with my feet. After giving him a disgusted shake of the head, often accompanied by a slightly POed growl. I especially have no respect for the clowns who try to SELL bugs, but have never mastered the art of actually USING one.

We're now at the point where cheezy British Army WT-8 hand keys are offered, with a straight face, for \$35.00! THAT'S totally absurd!

Some may consider this a selfish attitude, but that's the way I see it.

I suppose Capitalism is OK in some ways, but would-be Robber Barons really suck.

73's,

Tom, K9TA

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End of BOATANCHORS Digest 1557

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